

**BY ORDER OF THE CHIEF,  
NATIONAL GUARD BUREAU**

**AFI 32-7045/ANGSUP 1  
11 OCTOBER 2002**

***Civil Engineering***

**ENVIRONMENTAL COMPLIANCE ASSESSMENT AND MANAGEMENT PROGRAM  
(ECAMP)**

**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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**NOTICE:** This publication is available digitally on the NGB-SDP WWW site at <http://www.ngbpdc.ngb.army.mil>.

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OPR: ANG/CEV(Ms. J. Hoyle)  
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AFI 32-7045, 1 Jul 98, is supplement as follows:

ANGSUP 1 implements Air Force Instruction (AFI) 32-7045. In accordance with Chapter 1, 1.1.1., Scope of ECAMP, the ANG has determined that minor and other sites shall conduct external compliance assessments at least once every three years and an internal compliance assessment at least once every three years. An internal assessment that occurs within 6 months of a scheduled external assessment does not count as the required internal assessment. In accordance with the introductory paragraph the ANG has determined that external compliance assessments shall concurrently assess occupational health and safety.

1.1.2. Sites may also be exempted from ECAMP if inclusion would significantly interfere with the state mission of the ANG. ANG/CF is the approval authority for any of the exemptions .

1.2. ECAMP is one of the processes by which State Adjutant Generals assess the status of environmental compliance at ANG units and track solutions to environmental problems.

**Attachment 1**

***Terms***

**Compliance Assessment Protocols --(Replace) (ANG) Environmental Compliance Protocols**  
—The specific environmental compliance guidelines and compliance checklist for each of the thirteen compliance areas. These compliance areas include: Air Emissions Management; Cultural Resources Management; Hazardous Materials Management; Hazardous Waste Management; Natural Resources Management; Other Environmental Issues; Pesticides Management; Petroleum, Oils and Lubricants Management; Solid Waste Management; Storage Tank Management; Toxic Substances Management; Wastewater Management; and Water Quality Management.

**Internal Assessment** –(Replace) (ANG) —An environmental compliance assessment conducted using National Guard personnel or resources within the State.

**Occupational Health Assessment Protocols** (Added) (ANG) -- The specific compliance guidelines and compliance checklists as listed in "The Environmental Assessment Management (TEAM) Guide" and the "ANG Supplement to the TEAM Guide, Volume 2." These checklists and guidelines are available on Defense Environmental Network & Information eXchange (DENIX).

**Other Findings** (Added) (ANG) -- A violation that has a direct relationship to job safety and health, but is not serious in nature.

**Repeat OSHA Finding** (Added) (ANG) -- Employer has been cited previously for a substantially similar condition and the finding occurs within 3 years from the final abatement date of the previous notice.

**Safety Assessment Protocols** (Added) (ANG) -- The specific compliance guidelines and compliance checklists as listed in "The Environmental Assessment Management (TEAM) Guide" and the "ANG Supplement to the TEAM Guide, Volume 2." These checklists and guidelines are available on Defense Environmental Network & Information eXchange (DENIX).

**Serious Finding** (Added)(ANG) -- Workplace hazard could cause an accident or illness that would most likely result in death or serious physical harm unless the employer did not know or could not have known of the violation.

**Willful Finding** (Added) (ANG) - Violation in which the employer knowingly failed to comply with a legal requirement or acted with plain indifference to employee safety.

**Attachment 3  
FINDING CODES**

**A3.2.**

<b>ACTUAL CODE</b>	<b>FINDING ID CODE</b>
<b>All OSHA Protocols</b>	
<b>FC01</b>	Lack of permit
<b>FC02</b>	Inadequate/missing plan or program
<b>FC03</b>	Inadequate/missing survey or evaluation
<b>FC04</b>	Incomplete/no periodic inspection
<b>FC05</b>	Incomplete/no annual inspection
<b>FC06</b>	Incomplete/no routine surveillance
<b>FC07</b>	Incomplete/no special surveillance
<b>FC08</b>	Missing/inadequate occupational health evaluation
<b>FC09</b>	Incomplete/no fetal protection evaluation
<b>FC10</b>	Missing/inadequate documentation
<b>FC11</b>	Inadequate/absent sampling
<b>FC12</b>	No/inadequate training
<b>FC 13</b>	Inadequate interlock systems
<b>FC14</b>	Failure to warn
<b>FC15</b>	Failure to secure or lock out
<b>FC16</b>	Fire Standard (NFPA Codes)
<b>FC17</b>	Fire/explosion hazards
<b>FC18</b>	Defective/improper equipment tools
<b>FC19</b>	Improper use of equipment or tools
<b>FC20</b>	Inadequate/missing guards or protection
<b>FC21</b>	Incomplete no maintenance or testing
<b>FC22</b>	Substandard housekeeping
<b>FC23</b>	Defective/improper PPE
<b>FC24</b>	No/improper PPE maintenance
<b>FC25</b>	Using Respirators w/o training
<b>FC26</b>	Using Respirators w/o fit testing
<b>FC27</b>	Using Respirators w/o medical surveillance
<b>FC28</b>	Improper selection/use/maintenance

**Attachment 4  
ROOT CAUSE CODES**

	<b>Safety and Health</b>
<b>RC01</b>	Accountability not assigned
<b>RC02</b>	Inadequate local guidance
<b>RC03</b>	Inadequate guidance from higher echelon
<b>RC04</b>	Command emphasis

<b>RC05</b>	Accepted risk
<b>RC06</b>	Procedures developed but not effectively implemented
<b>RC07</b>	Procedures developed/implemented but not followed
<b>RC08</b>	Complacency/lack of motivation
<b>RC09</b>	Inadequate facility design
<b>RC10</b>	Insufficient manpower
<b>RC11</b>	Personnel not trained
<b>RC12</b>	Lack of funds
<b>RC13</b>	External factors/force majeure

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